

# इंटरनेट

# मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

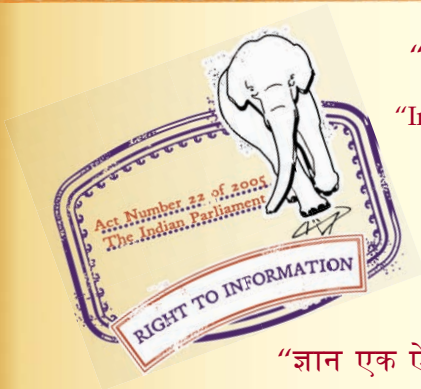
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6869-4 (1973): Playground Equipment for Parks, Part IV:  
Jungle Gyms (or Castle Climbers) [PCD 22: Sports Goods]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard

# SPECIFICATION FOR PLAYGROUND EQUIPMENT FOR PARKS PART IV JUNGLE GYMS (OR CASTLE CLIMBERS)

**1. Scope** — Specifies requirements for jungle gyms or castle climbers erected in parks as playground equipment.

**2. Materials** — As in 2 of IS : 6869 ( Part I )-1973 ' Specification for playground equipment for parks: Part I General requirements '.

## 3. Dimensions

**3.1 Height** — The highest point shall be not more than 3.2 m above ground level.

**3.2 Spacing of Vertical Tubes** — Vertical tubes shall be spaced not less than 380 mm and not more than 680 mm centres.

**3.3 Spacing of Horizontal Tubes** — Adjacent horizontal tubes shall be spaced at 300 mm for jungle gyms to be used by children in the age group of 5 to 8 years and at 600 mm for jungle gyms to be used by children in the age group of 9 to 12 years, vertical and horizontal centres except where passage ways are provided. There shall be not more than two passage ways which may intersect each other.

**3.4 Size of Vertical Tubes** — The corner vertical tubes shall be not less than 42.4 mm dia, 2.6 mm thick. The intermediate vertical tube shall be not less than 26.9 mm dia and 3.2 mm thick.

**3.5 Size of Horizontal Tubes** — The horizontal tubes shall be not less than 26.9 mm diameter, 2.3 mm thick. Where the height of the equipment above ground level does not exceed 2.1 m and the unsupported space does not exceed 400 mm, tubes not less than 21.3 mm dia and 2.0 mm thick shall be permitted.

**3.6 Sole Plates** — Shall be not less than 150 mm square and 6.30 mm thick.

**3.7 Sinkings** — The site area of the jungle gyms shall be the area on plan of the jungle gym with an additional surrounding space 100 mm wide. The whole site area shall be excavated to a depth of 100 mm plus 12 mm additional depth for each 300 mm height of the equipment. The lowest 50 mm of the excavation shall be filled in with concrete. The base of the vertical tubes shall be placed on the concrete and a further 50 mm of concrete shall be laid over the site area. The remainder of the excavation shall be filled with sand or soil or tar macadam or with combinations of these materials.

**4. Construction** — The jungle gyms shall be constructed in accordance with 4 of IS : 6869 ( Part I )-1973.

**5. Workmanship and Finish** — Provisions of 3.1, 3.2, 3.3 and 3.5 of IS : 6869 ( Part I )-1973 shall apply.

**6. Marking** — Provisions of 6 of IS : 6869 ( Part I )-1973 shall apply.

**6.1 ISI Certification Marking** — Details available with the Indian Standards Institution, New Delhi.

**7. Packing** — Provisions of 7 of IS : 6869 ( Part I )-1973 shall apply.